

**WEST**

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L7: Entry 3 of 4

File: DWPI

Aug 31, 1999

DERWENT-ACC-NO: 1999-544938  
DERWENT-WEEK: 199951  
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TITLE: New cell adhesion inhibitor

PATENT-ASSIGNEE:

ASSIGNEE

CODE

NISSIN SHOKUHN KAISHA LTD

NISP

PRIORITY-DATA: 1997JP-0330209 (December 1, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 11236334 A	August 31, 1999		009	A61K035/78

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 11236334A	November 24, 1998	1998JP-0332707	

INT-CL (IPC): A23 L 1/16; A23 L 1/30; A61 K 31/00; A61 K 35/78

ABSTRACTED-PUB-NO: JP 11236334A

BASIC-ABSTRACT:

New cell adhesion inhibitor or cancer metastasis inhibitor comprises one or more than two plants or their extracts selected from Chrysanthemum spp., Terminalia chebula Retz., Trapa japonica FLEROV., Geum japonicum THUNB., Punica granatum L., Arctostaphylos uva-ursi SPRENGEL, Achillea millefolium, Rosa, spp., Cuminum cynimum, Eugenia aromatica/Syzygium aromaticum, Solidago virga-aurea, Polygalae radix, Gymnema sylvestre(Retz.)Sult., powder of roots of Symphytum officinale L, Dianthus superbus L./D. chinensis L., Platycodon grandiflorum AC., Calendula officinalis L., Capsicum annuum L, Gynostemma pentaphyllum(Thunb.)Makino, Bupleurum falcatum L., Anemarrhena asphodeloides Bunge, Humulus lupulus L. and Lonicera japonica Thunb. Also claimed is a food composition having cell adhesion inhibitory activity or cancer metastasis inhibitory activity which comprises one or more than two plants or their extracts selected from the above plants and food substance.

USE - The above plants are used as medicine, quasi drug or food for the prevention or treatment of cancer.

ADVANTAGE - The above plants have excellent cell adhesion and cancer metastasis inhibitory activities without causing side effects.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: NEW CELL ADHESIVE INHIBIT

DERWENT-CLASS: A96 B04 D13

**WEST****End of Result Set**

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L7: Entry 4 of 4

File: DWPI

Dec 3, 1977

DERWENT-ACC-NO: 1978-05666A

DERWENT-WEEK: 197803

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TITLE: Anticancer agent - including the bitter principle of hops of *Humulus lupulus*

PATENT-ASSIGNEE:

ASSIGNEE

CODE

MATSUI T

MATSI

PRIORITY-DATA: 1976JP-0061362 (May 27, 1976)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

JP 52145509 A

December 3, 1977

000

INT-CL (IPC): A61K 35/78

ABSTRACTED-PUB-NO: JP 52145509A

BASIC-ABSTRACT:

Anti-cancer agent contains as effective ingredient a bitter principle of hops of *Humulus lupulus* L. (Moraceae). The anti-cancer effect is conc. in the cone of hops, partic. in the bitter principle of lupulin particles (contg. yeast for beer brewing) which contain mainly vegetable female hormone.

Hop cones collected after 35-45 days from flowering are dried in the sand or under hot air at 40-60 degrees C for 5-15 hrs. until the moisture content is 10-20%. The resulting dry hop contains 6-17% moisture, 0.13-0.48% essential oil, 7-25% resin (water soluble resin contg. humulone and lupulin), 7-11% tannin, 10-17% nitrogenic cpd., 10-18% fibrous material, 5-10% ash and yeast. The dry hop is placed in a cloth bag and immersed in pure water in a ceramic pot or pressure pot at a rate of 5-10 g./l. at 60-65 degrees C for 1-3 hrs. and then at 90-100 degrees C for 30-60 secs., during which time the lost amt. of water is supplied little-by-little. The bag taken out of the water is allowed to cool. The resulting hop extract exhibits a bitter taste, shows strong permeability and antiseptic sterilisability to the mucous membrane and skin, promotes metabolism, and improves the circulation of the blood. The extract is effective in treatment of diabetes, hypertension and gastro enteric disorders without any adverse reaction. It is partic. effective against cancers of the stomach, bladder, liver, lung and breast.

TITLE-TERMS: ANTICANCER AGENT BITTER PRINCIPLE HOP HUMULUS LUPULUS

DERWENT-CLASS: B04

CPI-CODES: B04-A07F; B12-G07;

CHEMICAL-CODES:

Chemical Indexing M1 \*01\*